TEKS CORRELATIONS \& SUGGESTED PACING GUIDE Veterinary Medical Applications

iCEV Agricultural Science Site
Meets 100\% of TEKS
319 days of teaching material

| Scope \& Sequence | Lesson Title | TEKS | Days of Teaching | TEA-Approved Certification Playlist |
| :---: | :---: | :---: | :---: | :---: |
| 1 | Animals \& Society | 3.B.i; 3.B.ii; 3.B.iii; 3.B.iv; 3.B.v; 3.B.vi; 3.C.i; 3.C.ii | 9 | Elanco Veterinary Medical Applications Certification |
| 2 | Animals in Research | N/A | 8 | Elanco Veterinary Medical Applications Certification |
| 3 | Veterinary Medical Practices: Veterinary Business Management | 1.A.i; 1.A.ii; 1.C.i; 1.C.ii; 1.C.iii; 3.A.i; 3.A.ii; 3.E.i; 3.E.ii; 3.E.iii; 4.A.i; 4.A.ii; 4.B.i; 4.B.ii; 4.C.i; 4.C.ii; 4.C.iii | 10 |  |
| 4 | Veterinary Laws \& Ethics | 3.D.i; 3.E.i; 3.E.ii; 3.E.iii | 6 | Elanco Veterinary Medical Applications Certification |
| 5 | Veterinary Medical Terms \& Terminology | 5.A.i; 5.A.ii; 5.A.iii; 5.A.iv; 5.A.v; 5.A.vi; 5.A.vii; 5.B.i; 5.C.i; 5.D.i; 5.E.i; 5.E.ii; 5.E.iii; 5.E.iv; 5.E.v; 5.E.vi; 5.E. vii; 5.E.viii; 5.E.ix; 5.E.x; 5.E.xi; 5.E.xii; 7.D.i | 12 | Elanco Veterinary Medical Applications Certification |
| 6 | Common Veterinary Medical Equipment | 4.D.i; 11.A.i; 11.B.i; 11.B.ii; 11.B.iii; 11.C.i; 11.C.ii; 14.A.i; 14.A.ii; 14.A.iii; 14.A.iv; 14.A.v; 14.A.vi | 9 | Elanco Veterinary Medical Applications Certification |
| 7 | Mathematical Applications in Veterinary Science | 8.A.i; 8.A.ii; 8.A.iii; 8.A.iv; 8.A.v; 8.A.vi; 8.A.vii; 8.A.viii; 8.A.ix; 8.A.x; 8.A.xi; 8.A.xii; 8.B.i; 8.C.i; 8.C.ii; 8.D.i; 8.E.i; 8.E.ii; 8.E.iii; 8.F.i; 8.F.ii; 8.G.i; 8.G.ii; 8.G.iii; 8.H.i; 8.H.ii | 12 | Elanco Veterinary Medical Applications Certification |
| 8 | External Anatomy of Livestock: Terms \& Terminology | N/A | 5 | Elanco Fundamentals of Animal Science Certification; Elanco Veterinary Medical Applications Certification |
| 9 | Basic Canine \& Feline Anatomy | 12.A.ii; 12.B.ii | 4 | Elanco Veterinary Medical Applications Certification |
| 10 | Breeds of Companion Animals: Cats | 6.A.i | 4 |  |
| 11 | Breeds of Companion Animals: Dogs | 6.A.i | 6 |  |
| 12 | Breeds of Companion Animals: Exotics | 6.A.i | 5 |  |
| 13 | Livestock Breed Identification: Cattle | 6.A.i | 6 |  |
| 14 | Livestock Breed Identification: Goats | 6.A.i | 6 |  |
| 15 | Livestock Breed Identification: Sheep | 6.A.i | 5 |  |
| 16 | Livestock Breed Identification: Swine | 6.A.i | 5 |  |
| 17 | Digestive System | 7.A.v; 7.B.v | 4 | Elanco Veterinary Medical Applications Certification |
| 18 | Ruminant Digestive Systems: A Closer Look | 12.A.i; 12.B.i | 5 |  |
| 19 | Digestive Systems of Livestock: A Basic Look | 12.A.ii; 12.B.ii | 4 |  |
| 20 | Basic Livestock Nutrition | 12.C.i; 12.C.ii; 12.C.iii; 12.D.i | 5 |  |
| 21 | Advanced Livestock Nutrition | 12.C.i; 12.C.ii; 12.C.iii; 12.D.i; 12.D.ii; 12.E.i; 12.E.ii; 12.F.i; 12.F.ii; 12.G.i; 12.G.ii; 12.H.i | 14 |  |
| 22 | Basic Canine Nutrition | 12.C.i; 12.C.ii; 12.C.iii; 12.E.i; 12.E.ii | 4 |  |
| 23 | Circulatory \& Respiratory Systems | 7.A.iii; 7.A.iv; 7.B.iii; 7.B.iv | 4 | Elanco Veterinary Medical Applications Certification |


|  <br> Sequence | Lesson Title | TEKS | Days of Teaching | TEA-Approved Certification Playlist |
| :---: | :---: | :---: | :---: | :---: |
| 24 | Endocrine, Immune \& Integumentary Systems | 7.A.vi; 7.B.vi | 4 | Elanco Veterinary Medical Applications Certification |
| 25 | Nervous, Skeletal \& Muscular Systems | 7.A.i; 7.A.ii; 7.A.vii; 7.B.i; 7.B.ii; 7.B.vii | 4 | Elanco Veterinary Medical Applications Certification |
| 26 | Common Animal Diseases | 9.A.i; 9.B.i; 9.B.ii; 9.C.i; 9.C.ii; 9.D.i; 9.D.ii | 7 |  |
| 27 | Common Diseases of Small Animals | 9.A.i; 9.B.i; 9.B.ii; 9.C.i; 9.C.ii; 9.D.i; 9.D.ii | 14 |  |
| 28 | Parasites of Livestock | $\begin{aligned} & \text { 9.E.i; 9.E.ii; 9.E.iii; 9.E.iv; 9.E.v; 9.E.vi; 9.F.i; 9.G.i; 9.G.ii; } \\ & \text { 9.H.i; 9.I.i; 9.I.ii } \end{aligned}$ | 5 |  |
| 29 | Common Parasites of Small Animals | 9.E.i; 9.E.ii; 9.E.iii; 9.E.iv; 9.E.v; 9.E.vi; 9.F.i; 9.G.i; 9.G.ii; 9.H.i; 9.I.i; 9.I.ii | 9 |  |
| 30 | Animal Behavior | 6.B.i; 6.B.ii; 6.B.iii | 8 | Elanco Veterinary Medical Applications Certification |
| 31 | Veterinary Medical Practices: Animal Handling \& Identification | 1.C.i; 1.C.ii; 1.C.iii; 3.A.iii; 6.C.i; 6.C.ii; 6.D.i | 5 | Elanco Veterinary Medical Applications Certification |
| 32 | Veterinary Medical Practices: Vital Signs | 7.C.ii | 3 | Elanco Veterinary Medical Applications Certification |
| 33 | Veterinary Medical Practices: Blood Samples | 7.C.iii; 13.B.v; 13.B.vi; 13.B.vii; 13.B.viii; 13.C.i; 13.C.ii; 13.E.iii | 3 | Elanco Veterinary Medical Applications Certification |
| 34 | Veterinary Medical Practices: Injections | 7.C.i | 4 | Elanco Veterinary Medical Applications Certification |
| 35 | Veterinary Medical Practices: Clinical Examinations | 7.D.ii; 10.A.i; 10.A.ii; 10.B.i; 10.B.ii; 10.B.iii; 10.C.i; 10.C.ii; 10.C.iii; 10.D.i; 10.D.ii; 10.D.iii; 10.E.i; 10.F.i; 11.A.i; 11.B.i; 11.B.ii; 11.B.iii; 11.C.i; 11.C.ii | 4 | Elanco Veterinary Medical Applications Certification |
| 36 | Veterinary Medical Practices: Lab Procedures | 13.A.i; 13.A.ii; 13.B.i; 13.B.ii; 13.B.iii; 13.B.iv; 13.B.v; 13.B.vi; 13.B.vii; 13.B.viii; 13.B.ix; 13.B.x; 13.B.xi; 13.B.xii; 13.D.i; 13.D.ii; 13.E.i; 13.E.ii; 13.E.iii | 4 | Elanco Veterinary Medical Applications Certification |
| 37 | Veterinary Medical Practices: Hospital Procedures | $\begin{aligned} & \text { 4.D.i; 11.a.i; 11.B.i; 11.B.ii; 11.B.iii; 11.C.i; 11.C.ii; 14.B.i; } \\ & \text { 14.C.i; 14.C.ii; 14.C.iii; 14.C.iv; 14.C.v; 14.C.vi; 14.C.vii; } \\ & \text { 14.C.viii; 14.D.i; 14.E.i; 14.F.i; 14.F.ii; 15.A.i; 15.E.i; } \\ & \text { 15.E.ii; 15.E.iii } \end{aligned}$ | 6 | Elanco Veterinary Medical Applications Certification |
| 38 | Veterinary Medical Practices: Surgical Procedures | $\begin{aligned} & \text { 4.D.i; 15.A.ii; 15.B.i; 15.B.ii; 15.B.iii; 15.B. iv; 15.C.i; } \\ & \text { 15.C.ii; 15.D.i; 15.F.i; 15.F.ii } \end{aligned}$ | 5 | Elanco Veterinary Medical Applications Certification |
| 39 | Veterinary Medical Practices: Pharmacology | 16.A.i; 16.A.ii; 16.A.iii; 16.A.iv; 16.B.i; 16.B.ii; 16.B.iii; 16.C.i; 16.D.i; 16.E.i; 16.E.ii | 13 | Elanco Veterinary Medical Applications Certification |
| 40 | The World of Agriculture | 1.B.i; 1.B.ii | 12 |  |
| 41 | Career Cluster: Agriculture, Food \& Natural Resources | 1.A.i; 1.A.ii; 1.F.i | 7 |  |
| 42 | Animal Systems | 1.A.i; 1.A.ii; 1.B.i; 1.B.ii; 1.B.iii; 1.B.iv | 2 |  |
| 43 | Virtual Job Descriptions for Veterinary Science | 1.A.i; 1.A.ii | 1 |  |
| 44 | Employability Skills | 1.B.iii; 1.B.iv; 1.D.i; 1.D.ii | 5 |  |


|  <br> Sequence | Lesson Title | TEKS | Days of Teaching | TEA-Approved Certification Playlist |
| :---: | :---: | :---: | :---: | :---: |
| 45 | Workplace Issues | 1.C.i; 1.C.ii; 1.C.iii; 1.D.iii | 4 |  |
| 46 | Citizenship Basics | 1.E.i | 9 |  |
| 47 | Internet Basics | 1.F.i | 5 |  |
| 48 | Blue \& Gold Basics: SAE Programs | 2.A.i; 2.A.ii; 2.A.iii; 2.A.iv; 2.A.v; 2.B.i | 5 |  |
| 49 | Introduction to Record Keeping | 2.B.i | 3 |  |
| 50 | Blue \& Gold Basics: What is FFA? | 2.C.i; 2.D.i; 2.D.ii | 6 |  |
| 51 | Blue \& Gold Basics: FFA Officers \& Meetings | 2.C.i | 8 |  |
| 52 | Blue \& Gold Basics: Career Development Events | 2.C.i | 2 |  |

# Correlations to the Texas Essential Knowledge and Skills (TEKS): Student/Teacher Material 

| Subject | Chapter 130. Texas Essential Knowledge and Skills for Career \& Technical Education |
| :---: | :---: |
| Subchapter | Subchapter A. Agriculture, Food, And Natural Resources |
| Course | §130.9. Veterinary Medical Applications (One Credit), Adopted 2015. |
| Publisher | CEV Multimedia, Ltd. |
| Program Title | iCEV Agricultural Science Site |
| Program ISBN | $9.78161 \mathrm{E}+12$ |
| TEKS Coverage (\%) | 100.00\% |

(a) General Requirements. This course is recommended for students in Grades 11 and 12. Prerequisite: Equine Science, Small Animal Management, or Livestock Production. Students shall be awarded one credit for successful completion of this course.

## (b) Introduction.

(1) Career and technical education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.
(2) The Agriculture, Food, and Natural Resources Career Cluster focuses on the production, processing, marketing, distribution, financing, and development of agricultural commootities and resources, incluading food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.
 and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills and technologies in a variety of settings.
(4) Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.
(5) Statements that contain the word "including" reference content that must be mastered, while those containing the phrase "such as" are intended as possible illustrative examples.

## (c) Knowledge and Skills.

| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to: | (A) identify career development and entrepreneurship opportunities in the field of animal systems | (i) identify career development opportunities in the field of animal systems | StudentTeacher | Narrative | 9781614592082 | Career Cluster: Agriculture, Food \& Natural Resources |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Project - Career Comparison; Project - Career Cube; Project Career Interview; Project - Local Search; Project The Career for Me | Career Cluster: Agriculture, Food \& Natural Resources |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | Animal Systems; Activity - Career Ranking | Animal Systems; PLEASE NOTE: Due to space limitations, the narrative and associated activity are listed on one line. Several lessons and corresponding activities satisfy this standard. |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | Virtual Job <br> Descriptions for <br> Veterinary <br> Science |  |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Veterinary <br> Business <br> Management |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to: | (A) identify career development and entrepreneurship opportunities in the field of animal systems | (ii) identify entrepreneurship opportunities in the field of animal systems | StudentTeacher | Narrative | 9781614592082 | Career Cluster: Agriculture, Food \& Natural Resources |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | $\begin{array}{\|c\|} \hline \text { Project - } \\ \text { Entrepreneurial } \\ \text { Adventures } \\ \hline \end{array}$ | Career Cluster: Agriculture, Food \& Natural Resources |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | Animal Systems; Activity - Career Ranking | Animal Systems; PLEASE NOTE: Due to space limitations, the narrative and associated activity are listed on one line. Several lessons and corresponding activities satisfy this standard. |
|  |  |  | StudentTeacher | Narrative | 9781614592082 |  |  |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Veterinary <br> Business <br> Manaqement |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to: | (B) apply competencies related to resources, information, interpersonal skills, and systems of operation in animal systems | (i) apply competencies related to resources in animal systems | StudentTeacher | Narrative | 9781614592082 | Animal Systems |  |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | The World of Agriculture |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Career Opportunities; Activity - Career Opportunities Teacher Instruction Sheet | The World of Agriculture |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  | - | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to: | (B) apply competencies related to resources, information, interpersonal skills, and systems of operation in animal systems | (ii) apply competencies related to information in animal systems | StudentTeacher | Narrative | 9781614592082 | Animal Systems |  |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | The World of Agriculture |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Career Opportunities; Activity - Career Opportunities Teacher Instruction Sheet | The World of Agriculture |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| - $0^{2}$ | - |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to: | (B) apply competencies related to resources, information, interpersonal skills, and systems of operation in animal systems | (iii) apply competenceis related to interpersonal skills in animal systems | StudentTeacher | Narrative | 9781614592082 | Animal Systems |  |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | $\begin{gathered} \text { Employability } \\ \text { Skills } \\ \hline \end{gathered}$ |  |




| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Teacher Only |  |  |  |  |
| (1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to: | (C) demonstrate knowledge of personal and occupational safety and health practices in the workplace | (ii) demonstrate knowledge of occupational safety in the workplace | StudentTeacher | Narrative | 9781614592082 | Workplace Issues |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity-Facts \& Opinions in Occupational Safety Practices; Activity -Federal Laws for Safety; Project- Creating an Employee Handbook; Project- Determining Heaath Practices in the Workplace; Project -In Your Own Words OSHA in the Workplace; Project- Wellness Practices in the Workplace | Workplace Issues |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Veterinary <br> Business <br> Management: <br> Project - - eealth <br> $\&$ Safety <br> Handbook | Veterinary Medical Practices: Veterinary Business Management; PLEASE NOTE: Due to space limitations, the narrative and associated activity are listed on one line. Several lessons and corresponding activities satisfy this standard. |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | Veterinary Medical Practices: Animal Handling \& Identification |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Animal Handling; Project - Clinic \& Field Setting | Veterinary Medical Practices: Animal Handling \& Identification |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Teacher Only |  |  |  |  |
| (1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to: | (C) demonstrate knowledge of personal and occupational safety and health practices in the workplace | (iii) demonstrate knowledge of health practices in the work place | StudentTeacher | Narrative | 9781614592082 | Workplace Issues |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity-Facts \& Opinions in Occupational Safety Practices; Activity -Federal Laws for Safety; Project- Creating an Employee Handbook; Project- Determining Heaath Practices in the Workplace; Project -In Your Own Words OSHA in the Workplace; Project- Wellness Practices in the Workplace | Workplace Issues |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Veterinary <br> Business <br> Management: <br> Project - - eealth <br> $\&$ Safety <br> Handbook | Veterinary Medical Practices: Veterinary Business Management; PLEASE NOTE: Due to space limitations, the narrative and associated activity are listed on one line. Several lessons and corresponding activities satisfy this standard. |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | Veterinary Medical Practices: Animal Handling \& Identification |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Animal Handling; Project - Clinic \& Field Setting | Veterinary Medical Practices: Animal Handling \& Identification |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |



| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
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|  |  |  | Teacher Only |  |  |  |  |
| (1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to: | (D) identify employers' expectations, including appropriate work habits, ethical conduct, and legal responsibilities | (iii) identify employers' expectations including legal responsibilities | StudentTeacher | Narrative | 9781614592082 | Workplace Issues |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Project - Negative Choices in the Workplace; Activity - Defining Workplace Policies \& Procedures; Student Handout - Employee Rights \& Responsibilities in the Workplace; Student Handout - Employer Rights \& Responsibilities in the Workplace | Workplace Issues |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| - | - |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to: | (E) demonstrate good citizenship characteristics such as stewardship, advocacy, and community leadership | (i) demonstrate good citizenship characteristics | StudentTeacher | Narrative | 9781614592082 | Citizenship Basics |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - <br> Citizenship: <br> Whats it o <br> You?? Project- <br> Serving the <br> Community | Citizenship Basics |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
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|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  | - |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to: | (F) research career topics using technology such as the internet | (i) research career topics using technology | StudentTeacher | Narrative | 9781614592082 | Internet Basics |  |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | Career Cluster: Agriculture, Food \& Natural Resources |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Project - The Career for Me | Career Cluster: Agriculture, Food \& Natural Resources |
|  |  |  | StudentTTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (2) The student develops a supervised agriculture experience program. The student is expected to: | (A) plan, propose, conduct, document, and evaluate a supervised agriculture experience program as an experiential learning activity | (i) plan a supervised agriculture experience program as an experiential learning activity | StudentTeacher | Narrative | 9781614592082 | Blue \& Gold Basics: SAE Programs |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Matching Experiences; Activity - Matching Experiences Answer Key; Activity - Selecting the Appropriate SAE; Activity - Selecting the Appropriate SAE Answer Key; Project - SAE Planning; Project - SAE Planning Contract; Student Handout - Factors for SAE Selertinn | Blue \& Gold Basics: SAE Programs |
|  |  |  | StudentTTeacher |  |  |  |  |
|  |  |  | Student/Teacher Student/Teacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  | - $0^{2}$ | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |










| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (3) The student researches current topics in veterinary medicine, recognizes the importance of animals in society, and discusses professional ethics and laws that relate to veterinary medicine. The student is expected to | (B) identify trends, issues, and historical events that have influenced animal use and care | (iii) identify historical events that have influenced animal use | StudentTeacher | Narrative | 9781614592082 | Animals \& Society |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Project Historical Impacts | Animals \& Society |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| $0^{2}$ | - |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (3) The student researches current topics in veterinary medicine, recognizes the importance of animals in society, and discusses professional ethics and laws that relate to veterinary medicine. The student is expected to | (B) identify trends, issues, and historical events that have influenced animal use and care | (iv) identify trends that have influenced animal care | StudentTeacher | Narrative | 9781614592082 | Animals \& Society |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Project Historical Impacts | Animals \& Society |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
| -2 | - |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (3) The student researches current topics in veterinary medicine, recognizes the importance of animals in society, and discusses professional ethics and laws that relate to veterinary medicine. The student is expected to | (B) identify trends, issues, and historical events that have influenced animal use and care | (v) identify issues that have influenced animal care | StudentTeacher | Narrative | 9781614592082 | Animals \& Society |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Project Historical Impacts | Animals \& Society |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
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|  |  |  | Teacher Only | Narative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (3) The student researches current topics in veterinary medicine, recognizes the importance of animals in society, and discusses professional ethics and laws that relate to veterinary medicine. The student is expected to: | (B) identify trends, issues, and historical events that have influenced animal use and care | (vi) identify historical events that have influenced animal care | StudentTeacher | Narrative | 9781614592082 | Animals \& Society |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Project Historical Impacts | Animals \& Society |
| [ | 20, | 20, | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| - |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (3) The student researches current topics in veterinary medicine, recognizes the importance of animals in society, and discusses professional ethics and laws that relate to veterinary medicine. The student is expected to | (C) describe the legal aspects of animal welfare and animal rights | (i) describe the legal aspects of animal welfare | StudentTeacher | Narrative | 9781614592082 | Animals \& Society |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Student Handout - Legal Aspects of Animal Rights \& Welfare | Animals \& Society |
|  | cele | - | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
| - | - |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |



| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (3) The student researches current topics in veterinary medicine, recognizes the importance of animals in society, and discusses professional ethics and laws that relate to veterinary medicine. The student is expected to | (E) review policies and procedures in veterinary medicine that are considered a reflection of various local, state, and federal laws | (i) review policies and procedures in veterinary medicine that are considered a reflection of various local laws | StudentTeacher | Narrative | 9781614592082 | Veterinary Laws \& Ethics |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Project - Laws, Regulations \& Agencies | Veterinary Laws \& Ethics |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Veterinary <br> Business <br> Management |  |
|  |  |  | StudentTTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  | $\cdots+2$ | $\cdots+2+2$ | Teacher Only |  |  |  |  |
|  | - |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (3) The student researches current topics in veterinary medicine, recognizes the importance of animals in society, and discusses professional ethics and laws that relate to veterinary medicine. The student is expected to | (E) review policies and procedures in veterinary medicine that are considered a reflection of various local, state, and federal laws | (ii) review policies and procedures in veterinary medicine that are considered a reflection of various state laws | StudentTeacher | Narrative | 9781614592082 | Veterinary Laws \& Ethics |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | $\begin{gathered} \text { Project - Laws, } \\ \text { Regulations \& } \\ \text { Agencies } \\ \hline \end{gathered}$ | Veterinary Laws \& Ethics |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Veterinary <br> Business <br> Manaqement |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | $\begin{array}{\|c\|} \hline \text { Activity - State } \\ \text { Rules \& } \\ \text { Regulations } \\ \hline \end{array}$ | Veterinary Medical Practices: Veterinary Business Management |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |



| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (4) The student evaluates veterinary hospital management and marketing to determine its importance to the success of veterinary clinics and hospitals. The student is expected to: | (A) identify skills needed to communicate effectively with clients and pet owners in the community | (ii) identify skills needed to communicate effectively with pet owners in the community | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Veterinary <br> Business <br> Management |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Student Handout - Clinic Communication Skills | Veterinary Medical Practices: Veterinary Business Management |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (4) The student evaluates veterinary hospital management and marketing to determine its importance to the success of veterinary clinics and hospitals. The student is expected to: | (B) identify vital information and demonstrate effective communication skills necessary to solve problems | (i) identify vital information necessary to solve problems | StudentTeacher | Narrative | 9781614592082 | Veterinary Medical <br> Practices: <br> Veterinary Business Management |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - <br> Communication <br> Scenarios; <br> Activity - <br> Communication <br> Scenarios <br> Answer Key | Veterinary Medical Practices: Veterinary Business Management |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  | 2 | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  | $0 \cdot 0$ | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |



| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| - |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (4) The student evaluates veterinary hospital management and marketing to determine its importance to the success of veterinary clinics and hospitals. The student is expected to: | (C) explain the role and importance of marketing and its affects on the success of a veterinary hospital | (iii) explain the affects [of marketing] on the success of a veterinary hospital | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Veterinary <br> Business <br> Management |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Project - Marketing Plan | Veterinary Medical Practices: Veterinary Business Management |
|  |  |  | StudentTTeacher |  |  |  |  |
| -20 | $0 \cdot 0$ |  | StudentTTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (4) The student evaluates veterinary hospital management and marketing to determine its importance to the success of veterinary clinics and hospitals. The student is expected to: | (D) develop skills involving the use of electronic technology commonly found in a veterinary hospital such as centrifuge, autoclave, and radiography positions | (i) develop skills involving the use of electronic technology commonly found in a veterinary hospital | StudentTeacher | Narrative | 9781614592082 | Common Veterinary Medical Equipment |  |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | Veterinary Medical Practices: Hospital Procedures |  |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Surgical <br> Procedures |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 |  | Veterinary Medical Practices: Surgical Procedures |
|  |  |  | StudentTeacher |  |  |  |  |








| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (5) The student communicates the importance of medical terminology, evaluates veterinary terms to discover their meanings, and demonstrates the ability to use terms correctly. The student is expected to: | (E) recognize, pronounce, spell, and define medical terms relating to diagnosis, pathology, and treatment of animals | (ii) Spell medical terms relating to diagnosis of animals | StudentTeacher | Narrative | 9781614592082 | Veterinary Medical Terms \& Terminology |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Medical Terms; Activity - Medical Terms Answer Key | Veterinary Medical Terms \& Terminology |
|  |  | - | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  | 迷 |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (5) The student communicates the importance of medical terminology, evaluates veterinary terms to discover their meanings, and demonstrates the ability to use terms correctly. The student is expected to: | (E) recognize, pronounce, spell, and define medical terms relating to diagnosis, pathology, and treatment of animals | (iv) define medical terms relating to diagnosis of animals | StudentTeacher | Narrative | 9781614592082 | Veterinary Medical Terms \& Terminology |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Medical Terms; Activity - Medical Terms Answer Key | Veterinary Medical Terms \& Terminology |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |



| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (5) The student communicates the importance of medical terminology, evaluates veterinary terms to discover their meanings, and demonstrates the ability to use terms correctly. The student is expected to: | (E) recognize, pronounce, spell, and define medical terms relating to diagnosis, pathology, and treatment of animals | (vii) spell medical terms relating to pathology of animals | StudentTeacher | Narrative | 9781614592082 | Veterinary Medical Terms \& Terminology |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Medical Terms; Activity - Medical Terms Answer Key | Veterinary Medical Terms \& Terminology |
|  |  | , | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (5) The student communicates the importance of medical terminology, evaluates veterinary terms to discover their meanings, and demonstrates the ability to use terms correctly. The student is expected to: | (E) recognize, pronounce, spell, and define medical terms relating to diagnosis, pathology, and treatment of animals | (viii) define medical terms relating to pathology of animals | StudentTeacher | Narrative | 9781614592082 | Veterinary Medical Terms \& Terminology |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Medical Terms; Activity - Medical Terms Answer Key | Veterinary Medical Terms \& Terminology |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
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| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (5) The student communicates the importance of medical terminology, evaluates veterinary terms to discover their meanings, and demonstrates the ability to use terms correctly. The student is expected to: | (E) recognize, pronounce, spell, and define medical terms relating to diagnosis, pathology, and treatment of animals | (xi) spell medical terms relating to treatment of animals | StudentTeacher | Narrative | 9781614592082 | Veterinary Medical Terms \& Terminology |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Medical Terms; Activity - Medical Terms Answer Key | Veterinary Medical Terms \& Terminology |
|  |  | - | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  | - |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (5) The student communicates the importance of medical terminology, evaluates veterinary terms to discover their meanings, and demonstrates the ability to use terms correctly. The student is expected to: | (E) recognize, pronounce, spell, and define medical terms relating to diagnosis, pathology, and treatment of animals | (xii) define medical terms relating to treatment of animals | StudentTeacher | Narrative | 9781614592082 | Veterinary Medical Terms \& Terminology |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Medical Terms; Activity - Medical Terms Answer Key | Veterinary Medical Terms \& Terminology |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
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| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (6) The student explores the area of animal management as it relates to animal identification, animal characteristics, and behaviora temperament. The student is expected to: | (D) demonstrate appropriate methods of handling a variety of animal behaviors | (i) demonstrate appropriate methods of handling a variety of animal behaviors | StudentTeacher | Narrative | 9781614592082 | Nervous, Skeletal \& Muscular Systems |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Nervous, Sketetal \& Muscular Systems- Activity- System Outhe; Nervous, Skeletal \& Muscular Systems- Activity - What Do Know; Nervous, Skeletal \& Muscular Systems- Project-- Comparing Systems; Nervous, Skeletal \& Muscular Systems- Project - Model Suctem | Nervous, Skeletal \& Muscular Systems |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| - |  | - | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |






| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (7) The student investigates the body systems and gains a working knowledge of each system's purpose and functions and how each system is affected by disease. The student is expected to: | (A) identify the parts of the skeletal, muscular, respiratory, circulatory, digestive, endocrine, and nervous systems | (v) identify the parts of the digestive system | StudentTeacher | Narrative | 9781614592082 | Digestive System |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Digestive System - Activity <br> - System Outline; Digestive <br> System - Activity <br> - What Do I <br> Know; Digestive <br> System - Project <br> - Comparing <br> Systems; <br> Digestive <br> System - Project <br> - Model Systems | Digestive System |
|  |  |  | Student Teacher |  |  |  |  |
|  |  |  | Student'teacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |



| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (7) The student investigates the body systems and gains a working knowledge of each system's purpose and functions and how each system is affected by disease. The student is expected to: | (A) identify the parts of the skeletal, muscular, respiratory, circulatory, digestive, endocrine, and nervous systems | (vii) identify the parts of the nervous system | StudentTeacher | Narrative | 9781614592082 | Nervous, <br>  <br> Muscular <br> Systems |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Nervous, Skletal \& Muscular Systems - Activity- System Outine; Nervous, Skeletal \& Muscular Systems- Activity - What Do Know; Nervous, Skeletal \& Muscular Systems - Project- Comparing Systems; Nervous, Skeletal \& Muscular Systems- Project - Model Suctem | Nervous, Skeletal \& Muscular Systems |
|  |  |  | StudentTTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |






| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (7) The student investigates the body systems and gains a working knowledge of each system's purpose and functions and how each system is affected by disease. The student is expected to: | (B) describe the functions of the skeletal, muscular, respiratory, circulatory, digestive, endocrine, and nervous systems | (v) describe the functions of the digestive system | StudentTeacher | Narrative | 9781614592082 | Digestive System |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Digestive System - Activity <br> - System Outline; Digestive <br> System - Activity <br> - What Do I <br> Know; Digestive <br> System - Project <br> - Comparing <br> Systems; <br> Digestive <br> System - Project <br> - Model Systems | Digestive System |
|  |  |  | Student Teacher |  |  |  |  |
|  |  |  | Student'teacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |



| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (7) The student investigates the body systems and gains a working knowledge of each system's purpose and functions and how each system is affected by disease The student is expected to: | (B) describe the functions of the skeletal, muscular, respiratory, circulatory, digestive, endocrine, and nervous systems | (vii) describe the functions of the nervous system | StudentTeacher | Narrative | 9781614592082 | Nervous, Skeletal \& Muscular Systems |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Nervous, Skeletal \& Muscular Systems- Activity - System Ottine; Nervous, Skeletal \& Muscular Systems- Activity- What Do Inow; Nervous, Skeletal \& Muscular Systems- Project- Comparing Systens; Neroos, Skeletal \& Muscular Systems- Project - Model | Nervous, Skeletal \& Muscular Systems |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Student Teacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  | (1) | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (7) The student investigates the body systems and gains a working knowledge of each system's purpose and functions and how each system is affected by disease. The student is expected to: | (C) identify appropriate anatomical sites for injections, measuring vital signs, and collecting blood samples for various animal species | (i) identify appropriate anatomical sites for injections for various animal species | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Injections |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Project Injection Site Management | Veterinary Medical Practices: Injections |
| - | - | $\cdots$ | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |



| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (7) The student investigates the body systems and gains a working knowledge of each system's purpose and functions and how each system is affected by disease. The student is expected to: | (D) describe normal animal behavior and vital signs compared to sick animals using medical terminology | (i) describe normal animal behavior compared to sick animals using medical terminology | StudentTeacher | Narrative | 9781614592082 | Veterinary Medical Terms \& Terminology |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - <br> Medical Terms; <br> Activity - <br> Medical Terms <br> Answer Key | Veterinary Medical Terms \& Terminology |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| 20, | (20 | 20 | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (7) The student investigates the body systems and gains a working knowledge of each system's purpose and functions and how each system is affected by disease. The student is expected to: | (D) describe normal animal behavior and vital signs compared to sick animals using medical terminology | (ii) describe normal vital signs compared to sick animals using medical terminology | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Clinical <br> Examinations |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Project - Vital <br> Sign Effectors | Veterinary Medical Practices: Clinical Examinations |
| $\underline{1-1}$ |  | - | StudentTeacher |  |  |  |  |
| . | -20 | ale | Student Teacher |  |  |  |  |
|  |  | +1.1.1. | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (8) The student performs mathematical calculations used in veterinary medicine. The student is expected to: | (A) add, subtract, multiply, and divide whole numbers, fractions, and decimals as related to veterinary medicine | (i) add whole numbers as related to veterinary medicine | StudentTeacher | Narrative | 9781614592082 | Mathematical Applications in Veterinary Science |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Applied Math; Activity Applied Math Answer Key | Mathematical Applications in Veterinary Science |
| - |  |  | StudentTeacher |  |  |  |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
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|  |  |  | StudentTeacher |  |  |  |  |
| - | - |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (8) The student performs mathematical calculations used in veterinary medicine. The student is expected to: | (A) add, subtract, multiply, and divide whole numbers, fractions, and decimals as related to veterinary medicine | (ii) subtract whole numbers as related to veterinary medicine | StudentTeacher | Narrative | 9781614592082 | Mathematical Applications in Veterinary Science |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Applied Math; Activity Applied Math Answer Key | Mathematical Applications in Veterinary Science |
| - |  |  | StudentTTeacher |  |  |  |  |
| der | [ |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| - | -20 | - | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (8) The student performs mathematical calculations used in veterinary medicine. The student is expected to: | (A) add, subtract, multiply, and divide whole numbers, fractions, and decimals as related to veterinary medicine | (iii) multiply whole numbers as related to veterinary medicine | StudentTeacher | Narrative | 9781614592082 | Mathematical <br> Applications in Veterinary Science Science |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Applied Math; Activity Applied Math Answer Key | Mathematical Applications in Veterinary Science |
|  |  |  | StudentTTeacher |  |  |  |  |
|  |  |  | StudentTTeacher |  |  |  |  |
|  |  |  | StudentTTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
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|  |  |  | Teacher Only |  |  |  |  |
| 20 | - | 20, | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (8) The student performs mathematical calculations used in veterinary medicine. The student is expected to: | (A) add, subtract, multiply, and divide whole numbers, fractions, and decimals as related to veterinary medicine | (iv) divide whole numbers as related to veterinary medicine | StudentTeacher | Narrative | 9781614592082 | $\begin{aligned} & \text { Mathematical } \\ & \text { Applications in } \\ & \text { Veterinary } \\ & \text { Science } \end{aligned}$ |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Applied Math; Activity Applied Math Answer Key | Mathematical Applications in Veterinary Science |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  | (2) $0^{2}$ |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (8) The student performs mathematical calculations used in veterinary medicine. The student is expected to: | (A) add, subtract, multiply, and divide whole numbers, fractions, and decimals as related to veterinary medicine | (v) add fractions as related to veterinary medicine | StudentTeacher | Narrative | 9781614592082 | Mathematical Applications in Veterinary Science |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity Fractions \& Decimals; Activity Fractions \& Decimals Answer Key; Activity - Applied Math; Activity Applied Math Answer Key | Mathematical Applications in Veterinary Science |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| $\square 0$ | $\square$ | - | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (8) The student performs mathematical calculations used in veterinary medicine. The student is expected to: | (A) add, subtract, multiply, and divide whole numbers, fractions, and decimals as related to veterinary medicine | (vi) subtract fractions as related to veterinary medicine | StudentTeacher | Narrative | 9781614592082 | Mathematical Applications in Veterinary Science |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 |  <br> Activity - <br>  <br> Decimals; <br> Activity - <br>  <br> Decimals <br> Answer Key; <br> Activity Applied <br> Math Activit - <br> Applied Math <br> Answer Key | Mathematical Applications in Veterinary Science |
|  |  |  | StudentTeacher |  |  |  |  |
|  | - |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
| - | - | - | Teacher Only |  |  |  |  |
| $\left(\begin{array}{ll}\text { d }\end{array}\right.$ |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (8) The student performs mathematical calculations used in veterinary medicine. The student is expected to: | (A) add, subtract, multiply, and divide whole numbers, fractions, and decimals as related to veterinary medicine | (vii) multiply fractions as related to veterinary medicine | StudentTeacher | Narrative | 9781614592082 | Mathematical Applications in Veterinary Science |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - <br>  <br> Decimals; <br> Activity - <br>  <br> Decimals <br> Answer Key; <br> Activity - Applied <br> Math; Activity - <br> Applied Math <br> Answer Key | Mathematical Applications in Veterinary Science |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
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|  |  |  | Teacher Only |  |  |  |  |
|  |  | 20 | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (8) The student performs mathematical calculations used in veterinary medicine. The student is expected to: | (A) add, subtract, multiply, and divide whole numbers, fractions, and decimals as related to veterinary medicine | (viii) divide fractions as related to veterinary medicine | StudentTeacher | Narrative | 9781614592082 | Mathematical Applications in Veterinary Science |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Fractions \& Decimals; Activity - Fractions \& Decimals Answer Key; Activity - Apppied Math; ; ctivity - Applied Math Answer Key | Mathematical Applications in Veterinary Science |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
| - |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  | - | Teacher Only |  |  |  |  |
| 2 | $\underline{0}$ | + | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (8) The student performs mathematical calculations used in veterinary medicine. The student is expected to: | (A) add, subtract, multiply, and divide whole numbers, fractions, and decimals as related to veterinary medicine | (ix) add decimals as related to veterinary medicine | StudentTeacher | Narrative | 9781614592082 | Mathematical Applications in Veterinary Science |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Fractions \& Decimals; Activity - Fractions \& Decimals Answer Key; Activity - Applied Math; Activity - Applied Math Answer Key | Mathematical Applications in Veterinary Science |
| . | - | - | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
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|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| + |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (8) The student performs mathematical calculations used in veterinary medicine. The student is expected to: | (A) add, subtract, multiply, and divide whole numbers, fractions, and decimals as related to veterinary medicine | (x) subtract decimals as related to veterinary medicine | StudentTeacher | Narrative | 9781614592082 | Mathematical Applications in Veterinary Science |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - <br>  <br> Decimals; <br> Activity - <br>  <br> Decimals <br> Answer Key; <br> Activity - Applied <br> Math; Activity - <br> Applied Math <br> Answer Key | Mathematical Applications in Veterinary Science |
|  |  |  | StudentTeacher |  |  |  |  |
|  | (mememementers |  | Student Teacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  | , | - | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (8) The student performs mathematical calculations used in veterinary medicine. The student is expected to: | (A) add, subtract, multiply, and divide whole numbers, fractions, and decimals as related to veterinary medicine | (xi) multiply decimals as related to veterinary medicine | StudentTeacher | Narrative | 9781614592082 | Mathematical Applications in Veterinary Science |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 |  <br> Activity - <br>  <br> Decimals; <br> Activity - <br>  <br> Decimals <br> Answer Key; <br> Activity Applied <br> Math Activit - <br> Applied Math <br> Answer Key | Mathematical Applications in Veterinary Science |
|  |  |  | StudentTeacher |  |  |  |  |
|  | - |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
| - | - |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (8) The student performs mathematical calculations used in veterinary medicine. The student is expected to: | (A) add, subtract, multiply, and divide whole numbers, fractions, and decimals as related to veterinary medicine | (xii) divide decimals as related to veterinary medicine | StudentTeacher | Narrative | 9781614592082 | Mathematical Applications in Veterinary Science |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - <br>  <br> Decimals; <br> Activity - <br>  <br> Decimals <br> Answer Key; <br> Activity - Applied <br> Math; Activity - <br> Applied Math <br> Answer Key | Mathematical Applications in Veterinary Science |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
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|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| [10 | . |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (8) The student performs mathematical calculations used in veterinary medicine. The student is expected to: | (B) apply mathematical skills needed for accurate client assessment such as measurement, conversion, and data analysis | (i) apply mathematical skills needed for accurate client assessment | StudentTeacher | Narative | 9781614592082 | Mathematical Applications in Veterinary Science |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Applied Math; Activity Applied Math Answer Key | Mathematical Applications in Veterinary Science |
|  |  |  | StudentTeacher |  |  |  |  |
| derer | $\cdots$ |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  | - | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (8) The student performs mathematical calculations used in veterinary medicine. The student is expected to: | (C) find solutions to veterinary problems by calculating percentages and averages | (i) find solutions to veterinary problems by calculating percentages | StudentTeacher | Narrative | 9781614592082 | Mathematical Applications in Veterinary Science |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Applied Math; Activity Applied Math Answer Key | Mathematical Applications in Veterinary Science |
|  |  |  | StudentTTeacher |  |  |  |  |
| - | 잔․․ | 20, | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (8) The student performs mathematical calculations used in veterinary medicine. The student is expected to: | (C) find solutions to veterinary problems by calculating percentages and averages | (ii) find solutions to veterinary problems by calculating averages | StudentTeacher | Narrative | 9781614592082 | Mathematical Applications in Veterinary Science |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Applied Math; Activity Applied Math Answer Key | Mathematical Applications in Veterinary Science |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
| $\cdots$ |  | , | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  | $\square$ | 0 | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (8) The student performs mathematical calculations used in veterinary medicine. The student is expected to: | (D) convert between English and metric units | (i) convert between English and metric units | StudentTeacher | Narrative | 9781614592082 | Mathematical Applications in Veterinary Science |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity Conversions | Mathematical Applications in Veterinary Science |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  | - | 잘 | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
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| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (8) The student performs mathematical calculations used in veterinary medicine. The student is expected to: | (E) determine weight, volume, and linear measurements using scientific calculations | (i) determine weight using scientific calculations | StudentTeacher | Narative | 9781614592082 | Mathematical Applications in Veterinary Science |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity Scientific Calculations; Activity Scientific Calculations Answer Kev | Mathematical Applications in Veterinary Science |
|  |  | 20, | StudentTTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  | - |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (8) The student performs mathematical calculations used in veterinary medicine. The student is expected to: | (E) determine weight, volume, and linear measurements using scientific calculations | (ii) determine volume using scientific calculations | StudentTeacher | Narrative | 9781614592082 | Mathematical Applications in Veterinary Science |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Scientific Calculations; Activity - Scientific Calculations Answer Kev | Mathematical Applications in Veterinary Science |
|  |  |  | StudentTeacher |  |  |  |  |
|  | , | 2 | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  | - | 0 | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |




| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
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| (8) The student performs mathematical calculations used in veterinary medicine. The student is expected to: | (G) interpret data using tables, charts, and graphs | (ii) interpret data using charts | StudentTeacher | Narrative | 9781614592082 | Mathematical Applications in Veterinary Science |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity Interpreting Data; Activity Interpreting Data Answer Key | Mathematical Applications in Veterinary Science |
|  | - |  | StudentTTeacher |  |  |  |  |
| - $2+2$ | 20, |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
| - | - | - | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| $\cdots$ | $\cdots$ | , | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (8) The student performs mathematical calculations used in veterinary medicine. The student is expected to: | (G) interpret data using tables, charts, and graphs | (ii) interpret data using graphs | StudentTeacher | Narrative | 9781614592082 | Mathematical Applications in Veterinary Science |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity Interpreting Data; Activity Interpreting Data Answer Key | Mathematical Applications in Veterinary Science |
| - |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  | - | - | Teacher Only |  |  |  |  |
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| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (8) The student performs mathematical calculations used in veterinary medicine. The student is expected to: | (H) use mathematical equations to calculate and prepare chemical concentrations | (i) use mathematical equations to calculate | StudentTeacher | Narative | 9781614592082 | Mathematical Applications in Veterinary Science |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity Conversions; Activity Fractions \& Decimals; Activity Fractions \& Decimals Answer Key; Activity Scientific Calculations; Activity Scientific Calculations Answer Key; Activity - Applied Math; Activity Applied Math Answer Key | Mathematical Applications in Veterinary Science |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
| - | … | - | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (8) The student performs mathematical calculations used in veterinary medicine. The student is expected to: | (H) use mathematical equations to calculate and prepare chemical concentrations | (ii) use mathematical equations to prepare chemical concentrations | StudentTeacher | Narrative | 9781614592082 | Mathematical Applications in Veterinary Science |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity Scientific Calculations; Activity Scientific Calculations Answer Kev | Mathematical Applications in Veterinary Science |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Student Teacher |  |  |  |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
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|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (9) The student evaluates animal diseases and identifies internal, external, and protozoal parasites. The student is expected to: | (A) identify factors that infuence the health of animals | (i) identify factors that influence the health of animals | StudentTeacher | Narrative | 9781614592082 | Common Animal Diseases |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | $\begin{gathered} \text { Activity - What is } \\ \text { Normal } \end{gathered}$ | Common Animal Diseases |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | Common Diseases of Small Animals |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | $\begin{gathered} \hline \begin{array}{c} \text { Activity - What is } \\ \text { Normal } \end{array} \\ \hline \end{gathered}$ | Common Diseases of Small Animals |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| - | 20, |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (9) The student evaluates animal diseases and identifies internal, external, and protozoal parasites. The student is expected to: | (B) identify pathogens and describe the effects that diseases have on various body systems | (i) identity pathogens | StudentTeacher | Narrative | 9781614592082 | Common Animal Diseases |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | $\begin{gathered} \hline \text { Project - How } \\ \text { Does Disease } \\ \text { Spread } \end{gathered}$ | Common Animal Diseases |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | Common Diseases of Small Animals |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Project - How Does Disease Spread | Common Diseases of Small Animals |
|  |  |  | StudentTTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |





| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
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|  |  |  | Teacher Only |  |  |  |  |
| - 2 | a | (ata | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (9) The student evaluates animal diseases and identifies internal, external, and protozoal parasites. The student is expected to: | (E) identify internal, external, and protozoal parasites using common and scientific names | (ii) identify external parasites using common names | StudentTeacher | Narrative | 9781614592082 | Parasites of Livestock |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Name the Parasite | Parasites of Livestock |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | Common Parasites of Small Animals |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Name the Parasite | Common Parasites of Small Animals |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  | 2. | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (9) The student evaluates animal diseases and identifies internal, external, and protozoal parasites. The student is expected to: | (E) identify internal, external, and protozoal parasites using common and scientific names | (iii) identify protozoal parasites using common names | StudentTeacher | Narrative | 9781614592082 | Parasites of Livestock |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Name the Parasite | Parasites of Livestock |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | Common <br> Parasites of <br> Small Animals |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Name the Parasite | Common Parasites of Small Animals |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (9) The student evaluates animal diseases and identifies internal, external, and protozoal parasites. The student is expected to: | (E) identify internal, external, and protozoal parasites using common and scientific names | (iv) identify internal parasites using scientific names | StudentTeacher | Narrative | 9781614592082 | Parasites of Livestock |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Name the Parasite | Parasites of Livestock |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | $\begin{aligned} & \text { Common } \\ & \text { Parasites of } \end{aligned}$ Small Animals |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Name the Parasite | Common Parasites of Small Animals |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
| $\cdots$ | - |  | Teacher Only |  |  |  |  |
| … ……… | E. $=1.3$ | - | Teacher Only |  |  |  |  |
| $\cdots+2$ | - ${ }^{2+1}$ |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (9) The student evaluates animal diseases and identifies internal, external, and protozoal parasites. The student is expected to: | (E) identify internal, external, and protozoal parasites using common and scientific names | (v) identify external parasites using scientific names | StudentTeacher | Narrative | 9781614592082 | Parasites of Livestock |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Name | Parasites of Livestock |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | $\begin{aligned} & \text { Common } \\ & \text { Parasites of } \\ & \text { Small Animals } \end{aligned}$ |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Name the Parasite | Common Parasites of Small Animals |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (9) The student evaluates animal diseases and identifies internal, external, and protozoal parasites. The student is expected to: | (E) identify internal, external, and protozoal parasites using common and scientific names | (vi) identity protozoal parasites using scientific names | StudentTeacher | Narrative | 9781614592082 | Parasites of Livestock |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Name the Parasite | Parasites of Livestock |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | Common Parasites of Small Animals |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Name the Parasite | Common Parasites of Small Animals |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (9) The student evaluates animal diseases and identifies internal, external, and protozoal parasites. The student is expected to: | (F) describe life cycles of common parasites | (i) describe life cycles of common parasites | StudentTeacher | Narrative | 9781614592082 | Parasites of Livestock |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | $\begin{gathered} \text { Activity - Life } \\ \text { Cycle of a } \\ \text { Parasite } \\ \hline \end{gathered}$ | Parasites of Livestock |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | Common Parasites of Small Animals |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | $\begin{aligned} & \text { Activity - Life } \\ & \text { Cycle of a } \\ & \text { Parasite } \\ & \hline \end{aligned}$ | Common Parasites of Small Animals |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  | - | 2-x | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (9) The student evaluates animal diseases and identifies internal, external, and protozoal parasites. The student is expected to: | (G) explain how parasites are transmitted and their effect on the host | (i) explain how parasites are transmitted | StudentTeacher | Narrative | 9781614592082 | Parasites of Livestock |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | $\begin{gathered} \text { Activity - Life } \\ \text { Cycle of a } \\ \text { Parasite } \\ \hline \end{gathered}$ | Parasites of Livestock |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | Common Parasites of Small Animals |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | $\begin{aligned} & \text { Activity - Life } \\ & \text { Cycle of a } \\ & \text { Parasite } \end{aligned}$ | Common Parasites of Small Animals |
|  |  |  | StudentTeacher |  |  |  |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  | - | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (9) The student evaluates animal diseases and identifies internal, external, and protozoal parasites. The student is expected to: | (G) explain how parasites are transmitted and their effect on the host | (ii) explain [parasites'] effect on the host | StudentTeacher | Narrative | 9781614592082 | Parasites of Livestock |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | $\begin{gathered} \text { Activity - Life } \\ \text { Cycle of a } \\ \text { Parasite } \\ \hline \end{gathered}$ | Parasites of Livestock |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | Common Parasites of Small Animals |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | $\begin{aligned} & \text { Activity - Life } \\ & \text { Cycle of a } \\ & \text { Parasite } \\ & \hline \end{aligned}$ | Common Parasites of Small Animals |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
| - | - |  | Teacher Only |  |  |  |  |
| (2) | - |  | Teacher Only |  |  |  |  |
| - | - . . . . . . . |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (9) The student evaluates animal diseases and identifies internal, external, and protozoal parasites. The student is expected to: | (H) conduct parasitic diagnostic procedures | (i) conduct parasitic diagnostic procedures | StudentTeacher | Narrative | 9781614592082 | Parasites of Livestock |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - <br>  <br> Treatment; <br> Activity - <br> Diagnosis \& Treatment Answer Kev | Parasites of Livestock |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | Common Parasites of Small Animals |  |







| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (10) The student evaluates an animal's health during a clinical examination. The student is expected to: | (C) take temperature, pulse, and respiration for a variety of animals | (iii) take respiration for a variety of animals | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Clinical <br> Examinations |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Physical Exam Practice; Activity - Physical Exam Practice Teacher Instruction Sheet | Veterinary Medical Practices: Clinical Examinations |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  | - |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| Ther |  |  | Teacher Only |  |  |  |  |
| (10) The student evaluates an animal's health during a clinical examination. The student is expected to: | (D) describe effects of age, stress, and environmental factors on vital signs of animals | (i) describe effects of age on vital signs of animals | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Clinical <br> Examinations |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Project - Vital Sign Effectors | Veterinary Medical Practices: Clinical Examinations |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  | - |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (10) The student evaluates an animal's health during a clinical examination. The student is expected to: | (D) describe effects of age, stress, and environmental factors on vital signs of animals | (ii) describe effects of stress on vital signs of animals | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Clinical <br> Examinations |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Project - Vital Sign Effectors | Veterinary Medical Practices: Clinical Examinations |
|  |  |  | StudentTeacher |  |  |  |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | StudentTTeacher |  |  |  |  |
| $x^{2}$ |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (10) The student evaluates an animal's health during a clinical examination. The student is expected to: | (D) describe effects of age, stress, and environmental factors on vital signs of animals | (iii) describe effects of environmental factors on vital signs of animals | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Clinical <br> Examinations |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Project - Vital Sign Effectors | Veterinary Medical Practices: Clinical Examinations |
| ater | 2 | - | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| - |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (10) The student evaluates an animal's health during a clinical examination. The student is expected to: | (E) explain procedures for physical examinations | (i) explain procedures for physical examinations | StudentTeacher | Narative | 9781614592082 | Veterinary <br> Medical Practices: Clinical Examinations |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - <br> Physical Exam <br> Practice; Activity <br> - Physical Exam <br> Practice <br> Teacher <br> Instruction <br> Sheet | Veterinary Medical Practices: Clinical Examinations |
|  |  |  | StudentTeacher |  |  |  |  |
|  | - $2+\ldots$ |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
| - |  |  | Teacher Only |  |  |  |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
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|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (10) The student evaluates an animal's health during a clinical examination. The student is expected to: | (F) explain the regional approach to assess an animal's health | (i) explain the regional approach to assess an animal's health | StudentTeacher | Narrative | 9781614592082 | Veterinary Medical Practices: Clinical Examinations |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity Regional Health | Veterinary Medical Practices: Clinical Examinations |
|  |  | - | StudentTeacher |  |  |  |  |
|  | - . $x^{2}$ |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
| $0 \cdot 0$ |  | - | Teacher Only |  |  |  |  |
|  |  | - | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (11) The student identifies imaging equipment and demonstrates how to safely operate and maintain equipment. The student is expected to: | (A) identify imaging equipment such as ultrasonograph, endoscope, electrocardiograph, and radiograph | (i) identity imaging equipment | StudentTeacher | Narrative | 9781614592082 | Veterinary Medical Practices: Clinical Examinations |  |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Hospital <br> Procedures |  |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | Common Veterinary Medical <br> Equipmen |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity Imaging Equipment | Common Veterinary Medical Equipment |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |





| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (12) The student determines nutritional requirements for ruminant and non-ruminant animals and communicates the importance of animal nutrition in maintaining a healthy animal. The student is expected to: | (A) identify the anatomy of the digestive system of ruminant and non-ruminant animals | (ii) identify the anatomy of the digestive system of nonruminant animals | StudentTeacher | Narrative | 9781614592082 | Digestive Systems of Livestock: A Basic Look |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Project - Parts of a Digestive System Teacher Instruction Sheet | Digestive Systems of Livestock |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | Basic Canine \& Feline Anatomy |  |
|  |  |  | StudentTTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| derele | 2. | 잔․ | Teacher Only |  |  |  |  |
| - | - |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (12) The student determines nutritional requirements for ruminant and non-ruminant animals and communicates the importance of animal nutrition in maintaining a healthy animal. The student is expected to: | (B) describe the process of digestion in ruminant and non-ruminant animals | (i) describe the process of digestion in ruminants animals | StudentTeacher | Narrative | 9781614592082 |  |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Project Digestive Process | Ruminant Digestive Systems: A Closer Look |
|  |  |  | StudentTeacher |  |  |  |  |
| $\square$ |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (12) The student determines nutritional requirements for ruminant and non-ruminant animals and communicates the importance of animal nutrition in maintaining a healthy animal. The student is expected to: | (B) describe the process of digestion in ruminant and non-ruminant animals | (ii) describe the process of digestion in non-ruminant animals | StudentTeacher | Narrative | 9781614592082 | Digestive Systems of Livestock: A Basic Look |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Project Digestive Process | Digestive Systems of Livestock |



| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| - |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (12) The student determines nutritional requirements for ruminant and non-ruminant animals and communicates the importance of animal nutrition in maintaining a healthy animal. The student is expected to: | (C) identify types and sources of nutrients and classes of feeds | (ii) identity classes of feeds | StudentTeacher | Narrative | 9781614592082 | Basic Livestock Nutrition |  |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | Advanced <br> Livestock <br> Nutrition |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity Ingredient ID | Advanced Livestock Nutrition |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | $\begin{aligned} & \hline \text { Basic Canine } \\ & \text { Nutrition } \\ & \hline \end{aligned}$ |  |
| $\cdots{ }^{\text {a }}$ | -2, | (1) | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| 20 |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (12) The student determines nutritional requirements for ruminant and non-ruminant animals and communicates the importance of animal nutrition in maintaining a healthy animal. The student is expected to: | (D) identify feed additives and describe how additives affect the food supply | (i) identify feed additives | StudentTeacher | Narrative | 9781614592082 | Basic Livestock Nutrition |  |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | Advanced Livestock Nutrition |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | $\begin{aligned} & \text { Activity - } \\ & \text { Ingredient ID } \end{aligned}$ | Advanced Livestock Nutrition |
|  |  |  | Student ${ }^{\text {Teacher }}$ |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
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| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (12) The student determines nutritional requirements for ruminant and non-ruminant animals and communicates the importance of animal nutrition in maintaining a healthy animal. The student is expected to: | (D) identify feed additives and describe how additives affect the food supply | (ii) describe how additives affect the food supply | StudentTeacher | Narrative | 9781614592082 | Advanced <br> Livestock <br> Nutrition |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Project - All About Feed Additives | Advanced Livestock Nutrition |
|  | $\cdots 3$ |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
| - | - |  | Teacher Only |  |  |  |  |
| (2) | 20, |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| ruminant and non-ruminant animals and communicates the importance of animal nutrition in maintaining a healthy animal. The student is expected to: | (E) evaluate animal dietary needs and feeding factors | (i) evaluate animal dietary needs | StudentTeacher | Narrative | 9781614592082 | Advanced <br> Livestock <br> Nutrition |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Nutrient Requirement Table | Advanced Livestock Nutrition |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | Basic Canine Nutrition |  |
|  |  |  | StudentTeacher |  |  |  |  |
| - | - | - | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (12) The student determines nutritional requirements for ruminant and non-ruminant animals and communicates the importance of animal nutrition in maintaining a healthy animal. The student is expected to: | (E) evaluate animal dietary needs and feeding factors | (ii) evaluate animal feeding factors | StudentTeacher | Narrative | 9781614592082 | Advanced <br> Livestock <br> Nutrition |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Nutrient Requirement Table | Advanced Livestock Nutrition |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | $\begin{gathered} \text { Basic Canine } \\ \text { Nutrition } \\ \hline \end{gathered}$ |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (12) The student determines nutritional requirements for ruminant and non-ruminant animals and communicates the importance of animal nutrition in maintaining a healthy animal. The student is expected to: | (F) calculate energy requirements and formulate rations | (i) calculate energy requirements | StudentTeacher | Narrative | 9781614592082 | Advanced Livestock Nutrition |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 |  | Advanced Livestock Nutrition |
| $\cdots$ | $\cdots{ }^{-1}$ |  | StudentTeacher |  |  |  |  |
|  | 20, | - | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narative |  |  |  |
| 20 | (1) |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| $\underline{0}$ | $\underline{0}$ | $\square$ | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (12) The student determines nutritional requirements for ruminant and non-ruminant animals and communicates the importance of animal nutrition in maintaining a healthy animal. The student is expected to: | (F) calculate energy requirements and formulate rations | (ii) formulate rations | StudentTeacher | Narrative | 9781614592082 | Advanced <br> Livestock <br> Nutrition |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Formulate a Feed Ration; Activity Formulate a Feed Ration Answer Key | Advanced Livestock Nutrition |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Student Teacher |  |  |  |  |
| - | - | - | StudentTeacher |  |  |  |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
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|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (12) The student determines nutritional requirements for ruminant and non-ruminant animals and communicates the importance of animal nutrition in maintaining a healthy animal. The student is expected to: | (G) discuss feeding practices and feed-quality issues | (i) discuss feeding practices | StudentTeacher | Narrative | 9781614592082 | Advanced Livestock Nutrition |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - <br> Nutient <br> Requirement <br> Table; Activity - <br> Feeding <br> Scenario | Advanced Livestock Nutrition |
|  |  |  | StudentTeacher |  |  |  |  |
| - |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| - |  | $\underline{0}$ | Teacher Only |  |  |  |  |
| - | $\underline{0}$ | - | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (12) The student determines nutritional requirements for ruminant and non-ruminant animals and communicates the importance of animal nutrition in maintaining a healthy animal. The student is expected to: | (G) discuss feeding practices and feed-quality issues | (ii) discuss feed-quality issues | StudentTeacher | Narrative | 9781614592082 | Advanced Livestock Nutrition |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Assessment- -IV - Rations, Quality \& Feeding Practices of Livestock Animals; Assessment - IV - Rations, Quality Feeding Practices of Livestock Animass Answer Kev | Advanced Livestock Nutrition |
|  |  |  | Student Teacher Student ${ }^{\text {a }}$ (eacher |  |  |  |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
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|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| - | - |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (12) The student determines nutritional requirements for ruminant and non-ruminant animals and communicates the importance of animal nutrition in maintaining a healthy animal. The student is expected to: | (H) analyze the quality of commercially prepared feeds | (i) analyze the quality of commercially prepared feeds | StudentTeacher | Narrative | 9781614592082 | Advanced Livestock Nutrition |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Feed Labels | Advanced Livestock Nutrition |
| der | $\sin _{2}$ |  | StudentTeacher |  |  |  |  |
| - | - | 20, | StudentTeacher |  |  |  |  |
|  | 자․ . | . | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  | - |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (13) The student examines various aspects of clinical hematology. The student is expected to: | (A) describe laboratory tests and explain the importance of proper laboratory procedures | (i) describe laboratory tests | StudentTeacher | Narative | 9781614592082 | Veterinary <br> Medical Practices: Laboratory Procedures |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Project Laboratory Test Importance | Veterinary Medical Practices: Laboratory Procedures |
| (1) | ater | 젖․ | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  | - | - | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (13) The student examines various aspects of clinical hematology. The student is expected to: | (A) describe laboratory tests and explain the importance of proper laboratory procedures | (ii) explain the importance of proper laboratory procedures | StudentTeacher | Narrative | 9781614592082 | Veterinary Medical Practices: Laboratory Procedures |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Project - Laboratory Test Importance | Veterinary Medical Practices: Laboratory Procedures |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (20 | - | 2remer | Teacher Only |  |  |  |  |
|  | - |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (13) The student examines various aspects of clinical hematology. The student is expected to: | (B) demonstrate the procedures used in collecting, handling, preparing, and examining fecal, blood, and urine specimens | (i) demonstrate the procedures used in collecting fecal specimens | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Laboratory <br> Procedures |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Student Handout - Fecal Samples | Veterinary Medical Practices: Laboratory Procedures |
| - |  |  | StudentTeacher |  |  |  |  |
| - | 20, |  | StudentTTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (13) The student examines various aspects of clinical hematology. The student is expected to: | (B) demonstrate the procedures used in collecting, handling, preparing, and examining fecal, blood, and urine specimens | (ii) demonstrate the procedures used in handling fecal specimens | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Laboratory <br> Procedures |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Student Handout - Fecal Samples | Veterinary Medical Practices: Laboratory Procedures |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |



| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (13) The student examines various aspects of clinical hematology. The student is expected to: | (B) demonstrate the procedures used in collecting, handling, preparing, and examining fecal, blood, and urine specimens | (v) demonstrate the procedures used in collecting blood specimens | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Laboratory <br> Procedures |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Student Handout - Blood Samples | Veterinary Medical Practices: Laboratory Procedures |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: Blood <br> Samples <br> Pa |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | $\begin{gathered} \text { Project - Blood } \\ \text { Tests } \\ \hline \end{gathered}$ | Veterinary Medical Practices: Blood Samples |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  | - | Teacher Only |  |  |  |  |
|  | ( 10 | - | Teacher Only |  |  |  |  |
| - | der | - | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (13) The student examines various aspects of clinical hematology. The student is expected to: | (B) demonstrate the procedures used in collecting, handling, preparing, and examining fecal, blood, and urine specimens | (vi) demonstrate the procedures used in handling blood specimens | StudentTeacher | Narrative | 9781614592082 | Veterinary Medical Practices: Laboratory Procedures |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Student Handout - Blood Samples | Veterinary Medical Practices: Laboratory Procedures |
|  |  |  | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: Blood <br> Samples <br> Pl |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { Project - Blood } \\ \text { Tests } \end{array} \\ \hline \end{array}$ | Veterinary Medical Practices: Blood Samples |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |





| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (13) The student examines various aspects of clinical hematology. The student is expected to: | (C) discuss normal and abnormal results obtained in complete blood counts | (ii) discuss abnormal results obtained in complete blood counts | StudentTeacher | Narrative | 9781614592082 | $\qquad$ |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Project-CBCs | Veterinary Medical Practices: Blood Samples |
|  |  |  | StudentTeacher |  |  |  |  |
| - $0^{2}$ | - |  | StudentTeacher |  |  |  |  |
| dererer |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
| $\cdots+2+3$ |  | [10. | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| 0 | Clo | - | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (13) The student examines various aspects of clinical hematology. The student is expected to: | (D) explain sensitivity testing and how to read testing results | (i) explain sensitivity testing | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Laboratory <br> Procedures |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Student Handout Culture \& Sensitivity Testing | Veterinary Medical Practices: Laboratory Procedures |
|  |  |  | StudentTeacher |  |  |  |  |
| $\cdots+\ldots$ | - | $\cdots$ | StudentTTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |



| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (13) The student examines various aspects of clinical hematology. The student is expected to: | (E) prepare microscope slides, preserve specimens, and perform several of the most common laboratory tests such as fecal flotations, microfilira smear, pac cell volume | (ii) preserve specimens | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Laboratory <br> Procedures |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Student <br> Handout - Fecal <br> Samples; <br> Student <br> Handout - Blood <br> Samples; <br> Student <br> Handout - Urine <br> Samples; <br> Student <br> Handout - <br>  <br> Sensitivity <br> Testina | Veterinary Medical Practics: Laboratory Procedures |
|  |  |  | StudentTeacher |  |  |  |  |
| - |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
| 20, |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| - | - | [ | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (13) The student examines various aspects of clinical hematology. The student is expected to: | (E) prepare microscope slides, preserve specimens, and perform several of the most common laboratory tests such as fecal flotations, microfilira smear, pac cell volume | (iii) perform several of the most common laboratory tests | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Laboratory <br> Procedures |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Student <br> Handout - Fecal <br> Samples; <br> Student <br> Handout - Blood <br> Samples; <br> Student <br> Handout - Urine <br> Samples; <br> Student <br> Handout - <br>  <br> Sensitivity <br> Testing; Student <br> Handout - <br> Microfilira <br> Smear | Veterinary Medical Practics: Laboratory Procedures |
|  |  |  | StudentTeacher | Narrative | 9781614592082 |  |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Student/Teacher Student/Teacher | Activity | 9781614592082 | Project - CBCs | Veterinary Medical Practices: Blood Samples |
|  |  |  | Teacher Only | Narrative |  |  |  |
| , |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (14) The student identifies hospital procedures, skills, and objectives that are included in the job description of an animal care assistant. The student is expected to: | (A) explain the care, maintenance, and use of equipment and instruments found in veterinary practice | (i) explain the care of equipment found in veterinary practice | StudentTeacher | Narrative | 9781614592082 | Common <br> Veterinary Medical Equipmen |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Instrument Identification; Activity - Instrument Identification Teacher Instruction Sheet | Common Veterinary Medical Equipment |
|  |  |  | StudentTeacher |  |  |  |  |
| 20 | ( | (1) | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| a |  | - | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (14) The student identifies hospital procedures, skills, and objectives that are included in the job description of an animal care assistant. The student is expected to: | (A) explain the care, maintenance, and use of equipment and instruments found in veterinary practice | (ii) explain the maintenance of equipment found in veterinary practice | StudentTeacher | Narrative | 9781614592082 | Common <br> Veterinary Medical Equipmen |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Instrument Identification; Activity - Instrument Identification Teacher Instruction Sheet | Common Veterinary Medical Equipment |
|  |  |  | Student Teacher |  |  |  |  |
| $\cdots$ |  | - | Student Teacher Student ${ }^{\text {eacher }}$ |  |  |  |  |




| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
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|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| 20 |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (14) The student identifies hospital procedures, skills, and objectives that are included in the job description of an animal care assistant. The student is expected to: | (B) explain appropriate hospital procedures | (i) explain appropriate hospital procedures | StudentTeacher | Narrative | 9781614592082 | Common Veterinary Medical Equipment |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - <br> Instrument <br> Identification; <br> Activity - <br> Instrument <br> Identification <br> Teacher <br> Instruction <br> Sheet | Common Veterinary Medical Equipment |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
| a 2 le |  | 20 $0^{2}$ | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  | a ${ }^{\text {a }}$. . . . . | - . . . 1 | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (14) The student identifies hospital procedures, skills, and objectives that are included in the job description of an animal care assistant. The student is expected to: | (C) discuss emergency protocols and describe first aid procedures, including cardiopulmonary resuscitation, control of bleeding, and treatment for shock, for small and large animals | (i) discuss emergency protocols for small animals | StudentTeacher | Narative | 9781614592082 | Veterinary Medical Practices: Hospital Procedures |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Vocabulary Handout; Activity Cleaning Methods; Student Handout Proper Hand Washing Techniques; Student Handout Zoonotic Disease Transmission; Assessment; Assessment Answer Kev | Veterinary Medical Practices: Hospital Procedures |
| 2- |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| - | - | - | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (14) The student identifies hospital procedures, skills, and objectives that are included in the job description of an animal care assistant. The student is expected to: | (C) discuss emergency protocols and describe first aid procedures, including cardiopulmonary resuscitation, control of bleeding, and treatment for shock, for small and large animals | (ii) discuss emergency protocols for large animals | StudentTeacher | Narative | 9781614592082 | Veterinary Medical Practices: Hospital Procedures |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Project Emergency Protocols | Veterinary Medical Practices: Hospital Procedures |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| aremer |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
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|  |  |  | Teacher Only |  |  |  |  |
| (14) The student identifies hospital procedures, skills, and objectives that are included in the job description of an animal care assistant. The student is expected to: | (C) discuss emergency protocols and describe first aid procedures, including cardiopulmonary resuscitation, control of bleeding, and treatment for shock, for small and large animals | (iii) describe first aid procedures, including cardiopulmonary resuscitation for small animals | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Hospital <br> Procedures |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Project Emergency Protocols | Veterinary Medical Practices: Hospital Procedures |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
| E |  | - 2. | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| [20 | : 2 |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (14) The student identifies hospital procedures, skills, and objectives that are included in the job description of an animal care assistant. The student is expected to: | (C) discuss emergency protocols and describe first aid procedures, including cardiopulmonary resuscitation, control of bleeding, and treatment for shock, for small and large animals | (iv) describe first aid procedures, including control of bleeding for small animals | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Hospital <br> Procedures |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Project Emergency Protocols | Veterinary Medical Practices: Hospital Procedures |
|  |  |  | Student Teacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  | a | $\underline{0}$ | Teacher Only |  |  |  |  |
| 0 | [. |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |





| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (14) The student identifies hospital procedures, skills, and objectives that are included in the job description of an animal care assistant. The student is expected to: | (F) describe skills involved in the reproductive and genetic evaluation of animals | (i) describe skills involved in the reproductive evaluation of animals | StudentTeacher | Narrative | 9781614592082 | Veterinary Medical Practices: Hospital Procedures |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Which Procedure; Activity - Which Procedure Answer Key | Veterinary Medical Practices: Hospital Procedures |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
| - | (1) |  | Teacher Only |  |  |  |  |
|  | - | . | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (14) The student identifies hospital procedures, skills, and objectives that are included in the job description of an animal care assistant. The student is expected to: | (F) describe skills involved in the reproductive and genetic evaluation of animals | (ii) describe skills involved in the genetic evaluation of animals | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Hospital <br> Procedures |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Which Procedure; Activity - Which Procedure Answer Key | Veterinary Medical Practices: Hospital Procedures |
|  |  |  | StudentTeacher |  |  |  |  |
|  | 20 $2+2$ | - | StudentTeacher |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
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| (15) The student identifies and discusses surgicalassisting procedures, skills, and objectives that are included in the job description of an animal care assistant. The student is expected to: | (A) explain the protocol for pre-surgical and post-surgical care of a patient | (i) explain the protocol for pre-surgical care of a patient | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Hospital <br> Procedures |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Which <br> Procedure; <br> Activity - Which Procedure Answer Key | Veterinary Medical Practices: Hospital Procedures |
|  |  |  | StudentTeacher |  |  |  |  |
| - | - | - | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| - | - | $\underline{2}$ | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (15) The student identifies and discusses surgicalassisting procedures, skills, and objectives that are included in the job description of an animal care assistant. The student is expected to: | (A) explain the protocol for pre-surgical and post-surgical care of a patient | (ii) explain the protocol for post-surgical care of a patient | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Surgical <br> Procedures |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Pre vs. Post; Activity Pre vs. Post Answer Key | Veterinary Medical Practices: Surgical Procedures |
|  |  |  | StudentTeacher |  |  |  |  |
| $\underline{-120}$ | -2. | [ | StudentTeacher |  |  |  |  |
| - | 2.......... | 2 | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (15) The student identifies and discusses surgicalassisting procedures, skills, and objectives that are included in the job description of an animal care assistant. The student is expected to: | (B) describe methods used in the sterilization and preparation of small and large animal surgery packs | (i) describe methods used in the sterilization of small animal surgery packs | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Surgical <br> Procedures |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity Sterilization Importance | Veterinary Medical Practices: Surgical Procedures |
| = |  |  | StudentTeacher |  |  |  |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
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|  |  |  | StudentTTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (15) The student identifies and discusses surgicalassisting procedures, skills, and objectives that are included in the job description of an animal care assistant. The student is expected to: | (B) describe methods used in the sterilization and preparation of small and large animal surgery packs | (ii) describe methods used in the preparation of small animal surgery packs | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Surgical <br> Procedures |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity Sterilization Importance | Veterinary Medical Practices: Surgical Procedures |
| - |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  | : $0^{2}$ | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (15) The student identifies and discusses surgicalassisting procedures, skills, and objectives that are included in the job description of an animal care assistant. The student is expected to: | (B) describe methods used in the sterilization and preparation of small and large animal surgery packs | (iii) describe methods used in the sterilization of large animal surgery packs | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical Practices: Surgical Procedures |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity Sterilization Importance | Veterinary Medical Practices: Surgical Procedures |
|  |  | 잔․․․․․․ | StudentTTeacher |  |  |  |  |
|  | - | - | Student ${ }^{\text {Steacher }}$ |  |  |  |  |
|  | der er | 20 | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (15) The student identifies and discusses surgicalassisting procedures, skills, and objectives that are included in the job description of an animal care assistant. The student is expected to: | (B) describe methods used in the sterilization and preparation of small and large animal surgery packs | (iv) describe methods used in the preparation of large animal surgery packs | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Surgical <br> Procedures |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity Sterilization Importance | Veterinary Medical Practices: Surgical Procedures |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Student Teacher |  |  |  |  |
|  |  |  | Studentteacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| $\underline{0}$ | - | - | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (15) The student identifies and discusses surgicalassisting procedures, skills, and objectives that are included in the job description of an animal care assistant. The student is expected to: | (C) review skills involved in patient and surgical room preparation | (i) review skills involved in patient room preparation | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Surgical <br> Procedures |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Project - <br> Surgical Instruction \& Safety Manual | Veterinary Medical Practices: Surgical Procedures |
|  |  |  | StudentTeacher |  |  |  |  |
| : | -2 | me | StudentTeacher |  |  |  |  |
| - |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (15) The student identifies and discusses surgicalassisting procedures, skills, and objectives that are included in the job description of an animal care assistant. The student is expected to: | (C) review skills involved in patient and surgical room preparation | (ii) review skills involved in surgical room preparation | StudentTeacher | Narrative | 9781614592082 | Medical <br> Practices: Surgical Procedures |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Project Surgical Instruction \& Safety Manua | Veterinary Medical Practices: Surgical Procedures |
|  |  | - | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  | - |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (15) The student identifies and discusses surgicalassisting procedures, skills, and objectives that are included in the job description of an animal care assistant. The student is expected to: | (D) describe surgical skills such as castration, dehorning, and docking | (i) describe surgical skills | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Surgical <br> Procedures |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Project Dehorning \& Docking | Veterinary Medical Practices: Surgical Procedures |
| . | - | - | StudentTeacher |  |  |  |  |
|  |  |  | Student ${ }^{\text {Teacher }}$ |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
| 20 | .m. | - | Teacher Only |  |  |  |  |
| - | - |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| - | - |  | Teacher Only |  |  |  |  |
| (15) The student identifies and discusses surgicalassisting procedures, skills, and objectives that are included in the job description of an animal care assistant. The student is expected to: | (E) describe care of newborn, orphan, and recumbent patients | (i) describe care of newborn patients | StudentTeacher | Narrative | 9781614592082 | Veterinary Medical Practices: Hospital Procedures |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Special Care Patients | Veterinary Medical Practices: Hospital Procedures |
|  |  |  | StudentTTeacher |  |  |  |  |
| 20 | - | 2ax | Student ${ }^{\text {T }}$ Teacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  | - $0^{2}$ |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (15) The student identifies and discusses surgicalassisting procedures, skills, and objectives that are included in the job description of an animal care assistant. The student is expected to: | (E) describe care of newborn, orphan, and recumbent patients | (ii) describe care of orphan patients | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Hospital <br> Procedures |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Special Care Patients | Veterinary Medical Practices: Hospital Procedures |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| - | - |  | Teacher Only |  |  |  |  |
| + | - | - | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (15) The student identifies and discusses surgicalassisting procedures, skills, and objectives that are included in the job description of an animal care assistant. The student is expected to: | (E) describe care of newborn, orphan, and recumbent patients | (iii) describe care of recumbent patients | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Hospital <br> Procedures |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Special Care Patients | Veterinary Medical Practices: Hospital Procedures |
|  |  |  | StudentTeacher |  |  |  |  |
|  | 2 $2 \cdot 0$ |  | StudentTeacher |  |  |  |  |
| cele | coll | - | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| - $0^{2}$ | - |  | Teacher Only |  |  |  |  |
|  | - |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (15) The student identifies and discusses surgicalassisting procedures, skills, and objectives that are included in the job description of an animal care assistant. The student is expected to: | (F) identify and monitor equipment used in surgical procedures | (i) identify equipment used in surgical procedures | StudentTeacher | Narrative | 9781614592082 | Veterinary <br> Medical <br> Practices: <br> Surgical <br> Procedures |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Surgical <br> Equipment; <br> Activity - <br> Surgical <br> Equipment <br> Answer Key | Veterinary Medical Practices: Surgical Procedures |



| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
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|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| $\cdots+1 x^{2}$ |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (16) The student identifies pharmacology-assisting procedures, skills, and objectives that are included in the job description of an animal care assistant. The student is expected to: | (A) identify medications according to their classification, form, routes, and methods of administration | (ii) identify medications according to their form | StudentTeacher | Narrative | 9781614592082 | Veterinary Medical Practices: Pharmacology |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Medication ID; Activity - Medication ID Answer Key | Veterinary Medical Practices: Pharmacology |
|  | - |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (16) The student identifies pharmacology-assisting procedures, skills, and objectives that are included in the job description of an animal care assistant. The student is expected to: | (A) identify medications according to their classification, form, routes, and methods of administration | (ii) identify medications according to their routes | StudentTeacher | Narrative | 9781614592082 | Veterinary Medical Practices: Pharmacology |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity Medication ID; Activity Medication ID Answer Key | Veterinary Medical Practices: Pharmacology |
|  |  |  | StudentTTeacher |  |  |  |  |
|  |  |  | Student/Teacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
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|  |  |  | Teacher Only |  |  |  |  |
| (16) The student identifies pharmacology-assisting procedures, skills, and objectives that are included in the job description of an animal care assistant. The student is expected to: | (A) identify medications according to their classification, form, routes, and methods of administration | (iv) identify medications according to their methods of administration | StudentTeacher | Narrative | 9781614592082 | Veterinary Medical Practices: Pharmacology |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity Medication ID; <br> Activity Medication ID Answer Key | Veterinary Medical Practices: Pharmacology |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
| + |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  | - | - | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (16) The student identifies pharmacology-assisting procedures, skills, and objectives that are included in the job description of an animal care assistant. The student is expected to: | (B) explain handling and distribution, protocol, and laws for controlled substances, including the U.S. Drug Enforcement Agency | (i) explain handling and distribution for controlled substances, including the U.S. Drug Enforcement Agency | StudentTeacher | Narrative | 9781614592082 | Veterinary Medical Practices: Pharmacology |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Project Controlled Substances | Veterinary Medical Practices: Pharmacology |
| - | - |  | StudentTeacher |  |  |  |  |
|  | 20 | (exer | StudentTeacher |  |  |  |  |
| - | 0 | - | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (16) The student identifies pharmacology-assisting procedures, skills, and objectives that are included in the job description of an animal care assistant. The student is expected to: | (B) explain handling and distribution, protocol, and laws for controlled substances, including the U.S. Drug Enforcement Agency | (ii) explain protocol for controlled substances, including the U.S. Drug Enforcement Agency | StudentTeacher | Narrative | 9781614592082 | Veterinary Medical Practices: Pharmacology |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Project Controlled Substances | Veterinary Medical Practices: Pharmacology |
| - |  | : $=$ e | StudentTeacher |  |  |  |  |



| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
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|  |  |  | Teacher Only |  |  |  |  |
| (16) The student identifies pharmacology-assisting procedures, skills, and objectives that are included in the job description of an animal care assistant. The student is expected to: | (D) complete a prescription label with identifiers that are required by the United States Food and Drug Administration | (i) complete a prescription label with identifiers that are required by the United States Food and Drug Administration | StudentTeacher | Narrative | 9781614592082 | Veterinary Medical Practices: Pharmacology |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | $\begin{gathered} \text { Project - Drug } \\ \text { Labeling } \\ \hline \end{gathered}$ | Veterinary Medical Practices: Pharmacology |
| , |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
| - | - | - | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
| 20 | $\pm 2$ | - | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| (16) The student identifies pharmacology-assisting procedures, skills, and objectives that are included in the job description of an animal care assistant. The student is expected to: | (E) select equipment and instruments used to give medications | (i) select equipment used to give medications | StudentTeacher | Narrative | 9781614592082 | Veterinary Medical Practices: Pharmacology |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - <br> Medication <br> Administration; <br> Activity - <br> Medication <br> Administration <br> Answer Kev | Veterinary Medical Practices: Pharmacology |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  | - |  | Teacher Only |  |  |  |  |
|  |  | - 12 | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |


| Knowledge and Skills Statement | Student Expectation | Breakout | Item Type | Citation Type | Component ISBN | Page (s) | Specific Location |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (16) The student identifies pharmacology-assisting procedures, skills, and objectives that are included in the job description of an animal care assistant. The student is expected to: | (E) select equipment and instruments used to give medications | (ii) select instruments used to give medications | StudentTeacher | Narrative | 9781614592082 | Veterinary Medical Practices: Pharmacology |  |
|  |  |  | StudentTeacher | Activity | 9781614592082 | Activity - Medication Administration; Activity - Medication Administration Answer Key | Veterinary Medical Practices: Pharmacology |
|  |  |  | StudentTTeacher |  |  |  |  |
|  |  |  | Stuenleacher |  |  |  |  |
| - |  |  | StudentTeacher |  |  |  |  |
|  |  |  | Teacher Only | Narrative |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |
| - | $\square$ | $\cdots+\ldots$ | Teacher Only |  |  |  |  |
|  |  |  | Teacher Only |  |  |  |  |

